

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	("20020195317" "20030155212" "4413724" "4549647" "5429227").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/30 13:43
S2	3	("5620084" "20020144880" "6520318").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/30 13:44
S3	52	((kronseder near2 volker) or (humele near2 heinz) or (hausladen near2 wolfgang) or (kaiser near2 alexander)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/30 13:46
S4	253	(198/347.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 12:12
S5	274	(198/594).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 12:32
S6	37	("2932376").URPN.	USPAT	OR	OFF	2008/10/31 13:11
S7	421	(198/812).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 13:14
S8	61	("0653827" "1381974" "1492275" "1831122" "1915482" "2580054" "2619843" "2932376" "3294216" "3370693" "3506105" "3874497" "4168776").PN. OR ("4413724").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 13:25
S9	47	("1489926" "3001635" "3139971" "3370693" "4413724").PN. OR ("4549647").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 13:27
S10	28	("4201286" "4413724" "4549647").PN. OR ("5772005").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 13:28
S11	27	("4018325" "4413724" "4469219" "4513858" "4549647" "4989718" "5722655" "5772005").PN. OR ("6152291").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 13:29

S12	32	("1580193" "3318439" "4018325" "4063632" "4201286" "4413724" "4469219" "4513858" "4549647" "4718656" "4889223" "4944315" "4989718" "5067857" "5350050" "5413213" "5417317" "5490589" "5636723" "5690463" "5772005" "5903464" "6026947").PN. OR ("6230874").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 13:29
S13	36	("3318439" "4018325" "4201286" "4413724" "4469219" "4513858" "4549647" "4718656" "4944315" "4989718" "5350050" "5413213" "5490589" "5690463" "5772005").PN. OR ("6260688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 13:30
S14	35	("2551080" "2932376" "3316127" "3889797" "4142626" "4164997" "4530046" "4961488" "5231585" "5313402" "5491637" "5537325" "5611418" "5660264" "5680746" "5706201" "5742511" "5754451" "5757648" "5787002" "5844802" "5864480" "5867388" "5877961" "5883805").PN. OR ("6325198").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 13:30
S15	2	("4904916" "6325198"). PN. OR ("6793065"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 13:31
S16	22	("1766018" "2660513" "3710928" "4512456" "4651879" "4938337" "5457939" "5607045" "5711411" "6079541"). PN. OR ("6354427"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 13:32
S17	8	("4467908" "5671585" "5713403" "5816029" "6354427" "6436330" "6698160" "6834478"). PN. OR ("7140161"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 13:33

S18	6	("4023513" "5607045" "5711411" "5778633" "6302172" "6354427"). PN. OR ("6796342"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 13:35
S19	13	("1766018" "2374326" "3802547" "4388989" "5246098" "5275275" "5439095" "5558200" "6112881" "6354427"). PN. OR ("6520318"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 13:35
S20	24	("3570647" "3881607" "3944058" "4183428" "4468277" "5711411" "5743377").PN. OR ("6079541").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 13:36
S21	2	((("3990316") or ("6279722"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/31 14:06
S22	38	(198/460.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 14:13
S23	168	(198/588).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 14:14
S24	73	(198/574).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 14:19
S25	210	(198/598).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 14:21
S26	599	(198/465.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 14:24
S27	47	("3318439" "3682295" "4018325" "4063632" "4201286" "4364465" "4401020" "4413724" "4469219" "4513858" "4549647" "4718656" "4863010" "4944315" "4989718" "5067857" "5267821" "5277294" "5282525" "5335780" "5350050" "5413213" "5490589" "5690463" "5722655" "5772005" "6026947" "6152291" "6168005" "6182812" "6230874" "6260688" "6334528" "6382398" "6497321" "6523669" "6533103" "6550602" "6585104" "6591963" "6612420" "6698581" "6725998" "6817464" "6848563" "7032742"). PN. OR ("7191896").	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 14:33

		URPN.				
S28	234	(198/465.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 14:35
S29	127	(198/469.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 14:38
S30	13	("1766018" "2374326" "3802547" "4388989" "5246098" "5275275" "5439095" "5558200" "6112881" "6354427"). PN. OR ("6520318"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/31 14:58
S31	112	(198/375).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 08:26
S32	50	(198/377.07).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 08:34
S34	64	(198/377.03).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 08:45
S35	374	(198/412).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 10:12
S36	129	(198/417).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 10:30
S38	281	((198/440) or (198/441)). CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 10:42
S39	155	(198/457.05).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 10:49
S40	31	("1726657" "1733409" "2078236" "2168191" "2346583" "2363920" "2465690" "2986261" "3160259" "3701407" "3721331" "3960266" "4413724" "4549647" "4690266" "5088589" "5228551" "5634550" "5772005" "6202829" "6241074" "6478144"). PN. OR ("6896120"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 10:50
S41	0	(198/459.02).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 10:55
S42	92	(198/459.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 10:55

S43	41	("2298386" "2463970" "3450250" "3575282" "3952860" "4290762" "4555014" "4597492" "4664253" "4893709" "5076422" "5127515" "5307923").PN. OR ("5429227").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 10:58
S44	16	("1421178" "2789685" "2980236" "3225901"). PN. OR ("3575282"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 11:02
S45	24	("2768733" "2850149" "2960210" "3338380" "3575282").PN. OR ("4294345").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 11:03
S46	2	("2768733").URPN.	USPAT	OR	OFF	2008/11/03 11:08
S47	47	("1489926" "3001635" "3139971" "3370693" "4413724").PN. OR ("4549647").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 11:08
S48	39	(198/463.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 11:11
S49	24	(198/466.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 11:15
S50	363	(198/470.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 11:19
S51	5	("4905818" "6227589" "6234466" "6578843" "6830241").PN. OR ("7404549").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 11:20
S52	5	("5683729" "5863571" "6386857" "6649118" "6779651").PN. OR ("7140870").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 11:23
S53	10	("3175702" "3938847" "3987605" "4023513" "4172514" "5711411" "5743377" "6371279" "6691860").PN. OR ("7000756").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 11:27
S55	5	("4473147" "4651879" "5743377" "6302172" "6692050").PN. OR ("6959953").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 11:29
S56	4	("4391578" "5232717" "5683729").PN. OR ("6779651").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 11:30
S57	195	(198/474.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 12:28

S58	13	("2621841" "4005966" "4355968" "4479772" "4667531" "5039298" "5116217" "5326250" "5346386" "5683729" "5863571" "6152723"). PN. OR ("7311515"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 12:28
S59	275	(198/606).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 12:44
S60	18	("1487601" "2303587" "2961020" "3454142" "4798281" "5029696" "5657615" "6179115" "6260690" "6296107"). PN. OR ("6533104"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 12:45
S61	26	("3179237" "3286817" "3454142" "3848864" "4570785" "4629063" "4705159" "4874081"). PN. OR ("5029696"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 12:46
S63	261	(198/629).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 12:56
S64	379	(198/633).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 12:58
S65	109	(198/678.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 13:05
S66	334	(198/680).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 13:14
S67	149	(198/681).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 13:35
S68	73	(198/683).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 13:43
S69	18	("3775967" "3955667" "3999730" "4339031" "4620474" "4838410" "5074678" "5129506" "5287811" "5755316" "6113273" "6116810" "6155405" "6186303" "6196377").PN. OR ("6499588").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 13:43
S70	0	("2755914").URPN.	USPAT	OR	OFF	2008/11/03 13:49
S71	59	(198/684).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 13:52
S72	89	(198/685).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 13:56

S73	115	(198/687).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 14:02
S74	372	(198/793).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 14:11
S75	0	("2005/0247546").URPN.	USPAT	OR	OFF	2008/11/03 14:13
S76	372	(198/801).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 14:21
S77	74	(198/867.01).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 14:26
S78	71	(198/867.15).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 14:33
S79	121	(198/803.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 14:38
S80	320	(198/836.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 15:53
S81	240	(198/837).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 16:03
S82	260	(198/838).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 16:10
S83	288	(198/845).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/03 16:25
S84	13	("3319778" "4895239" "4951807" "4993540" "5141102").PN. OR ("5400898").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 16:30
S85	61	("0653827" "1381974" "1492275" "1831122" "1915482" "2580054" "2619843" "2932376" "3294216" "3370693" "3506105" "3874497" "4168776").PN. OR ("4413724").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/05 14:10
S86	31	("1726657" "1733409" "2078236" "2168191" "2346583" "2363920" "2465690" "2986261" "3160259" "3701407" "3721331" "3960266" "4413724" "4549647" "4690266" "5088589" "5228551" "5634550" "5772005" "6202829" "6241074" "6478144"). PN. OR ("6896120"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/05 14:11

S87	19	("4413724" "4513858" "4549647" "5490589" "5772005" "6016904" "6152291").PN. OR ("6591963").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/05 14:17
S88	2	("7219788").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/05 14:19
S89	12	("3838767" "4179026" "4549647" "5314054" "6591963" "6612417"). PN. OR ("6848563"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/05 16:41
S90	5	("4905818" "6227589" "6234466" "6578843" "6830241").PN. OR ("7404549").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 07:40
S91	14	("3877861" "4005966" "4355968" "4479772" "4929450" "5039298" "5116217" "5326250" "5346386" "5683729" "5863571" "5975278" "6152723" "6345713"). PN. OR ("7442031"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 07:43
S92	13	("2621841" "4005966" "4355968" "4479772" "4667531" "5039298" "5116217" "5326250" "5346386" "5683729" "5863571" "6152723"). PN. OR ("7311515"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 07:46
S93	228	("0766329" "1058096" "1073067" "1883007" "1892463" "20010002532" "20010013459" "20010027825" "20010052216" "20020011400" "20020060132" "20020079199" "20020139436" "20020139645" "20020144880" "20030000969" "20030029700" "20030037514" "20030047427"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 07:47

"20030075547"	
"20030106779"	
"20030116222"	
"20030173186"	
"20040151842"	
"20050103599"	
"20050103602"	
"20050103603"	
"20050103604"	
"20050103605"	
"20050103606"	
"20050155843"	
"2237197"	"2258717"
"2270709"	"2611524"
"2666564"	"2723790"
"2766635"	"3028713"
"3067863"	"3125370"
"3168123"	"3308928"
"3519108"	"3590982"
"3608700"	"3664491"
"3703954"	"3742989"
"3747737"	"3754637"
"3777877"	"3794315"
"3818785"	"3826293"
"3854574"	"3858709"
"3860104"	"3881592"
"3910404"	"3944058"
"3949859"	"3990209"
"3992766"	"4018325"
"4033862"	"4053003"
"4064987"	"4068882"
"4096939"	"4106612"
"4126163"	"4159608"
"4159762"	"4166527"
"4171738"	"4172514"
"4183428"	"4208852"
"4257727"	"4287980"
"4291733"	"4335761"
"4467847"	"4502587"
"4513858"	"4522238"
"4524865"	"4530433"
"4532968"	"4533038"
"4567919"	"4588001"
"4638906"	"4678077"
"4697691"	"4745007"
"4746007"	"4790421"
"4793261"	"4807421"
"4817780"	"4823934"
"4835946"	"4856144"
"4878577"	"4901844"
"4921294"	"4925013"
"4934517"	"4936072"
"4953687"	"5004097"
"5029695"	"5035270"
"5052166")	.PN. OR
("5072573"	"5074103"

"5115901"	"5127514"
"5170546"	"5219065"
"5285884"	"5295523"
"5392896"	"5395151"
"5400894"	"5427227"
"5429227"	"5452568"
"5477659"	"5487461"
"5497887"	"5509524"
"5522439"	"5581975"
"5595221"	"5603399"
"5611418"	"5620084"
"5642604"	"5657615"
"5693113"	"5697490"
"5722655"	"5768860"
"5775067"	"5778634"
"5791453"	"5810151"
"5878796"	"5890584"
"5915524"	"5927504"
"5931282"	"5947262"
"5960838"	"5960927"
"5975280"	"5979147"
"6029797"	"6038833"
"6050060"	"6062799"
"6079541"	"6112885"
"6119440"	"6119848"
"6141943"	"6148589"
"6182819"	"6186314"
"6209716"	"6220444"
"6234300"	"6237750"
"6253809"	"6276409"
"6321897"	"6334473"
"6334526"	"6341630"
"6343628"	"6343690"
"6374997"	"6474368"
"6474464"	"6494238"
"6494307"	"6520316"
"6533103"	"6533126"
"6581653"	"6601697"
"6612095"	"6612567"
"6619472"	"6629403"
"6675951"	"6684602"
"6692050"	"6742647"
"6748983"	"6761264"
"6772876"	"6905012"
"7021453"	"7036658"
"7055676"	"7055677")
PN. OR ("7264113").	
URPN.	

S94	28	("1124168" "3469675" "3513964" "3987888" "4351429" "4809846" "4941561" "5000311" "5090557" "5219065" "5323893" "5429226" "5497874" "5507383" "5630499").PN. OR ("6772876").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 07:48
S95	5	("5683729" "5863571" "6386857" "6649118" "6779651").PN. OR ("7140870").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 08:08
S96	3	("4278165" "4635785"). PN. OR ("6814218"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 08:09
S97	12	("20030001333" "4211320" "4681213" "5350167" "5425837" "5653432" "5918543" "6003854" "6039317" "6139252" "6264192" "6488278").PN. OR ("6575456").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 08:11
S98	17	("3587824" "3809214" "4072228" "4550822" "4606173" "4905818" "5112041" "5433430" "5727783" "5740900"). PN. OR ("5992610"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 08:12
S99	11	("4294345" "4512457" "4638906" "4746007" "4852722" "5188349" "5261656" "5380000" "5992610" "6007064" "6227589").PN. OR ("6386816").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 08:13
S100	36	("2808146" "3052341" "3107778" "3155227" "3556286" "3651924" "3877567" "3934708" "4422544" "4433777" "4438842" "4645070" "4932516" "5083655"). PN. OR ("5620084"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 08:16

S101	41	("2298386" "2463970" "3450250" "3575282" "3952860" "4290762" "4555014" "4597492" "4664253" "4893709" "5076422" "5127515" "5307923").PN. OR ("5429227").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 08:18
S102	3	("4294345" "5129506").PN. OR ("5411133").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 08:21
S103	13	("3319778" "4895239" "4951807" "4993540" "5141102").PN. OR ("5400898").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 08:21
S104	11	("2323920" "3486605").PN. OR ("4838410").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 08:23
S105	18	("3775967" "3955667" "3999730" "4339031" "4620474" "4838410" "5074678" "5129506" "5287811" "5755316" "6113273" "6116810" "6155405" "6186303" "6196377").PN. OR ("6499588").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 08:23
S106	130	(198/836.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 08:28
S107	383	(198/840).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 08:32
S108	504	(198/850).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 08:40
S109	2493	(198/85\$).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/06 09:38
S110	364	S109 and ((roller or rollers or wheel or wheels) and (spring or springs or tension))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/06 09:39
S111	24	("2142003" "2755533" "3174617" "3491402" "3742863" "4200963" "4330499" "4614011" "4890365").PN. OR ("5161674").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 09:51

S112	1441	"198".clas. and (link near2 chain) and ((roller or rollers or wheel or wheels) and (spring or springs or tension))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/06 10:10
S113	1305	S112 not S109	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/06 10:11
S114	33	("20030047475" "2528912" "3415350" "3451523" "3541751" "3572913" "3618743" "3635322" "3811243" "3816968" "3848394" "3934714" "4051366" "4344522" "4383601" "4428474" "4561534" "4596330" "4640406" "5048717" "5058724" "5074399" "5215180" "5224586" "5755335" "6398006" "6484478" "6688465").PN. OR ("6868652").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 10:21
S115	12	("3777875" "3945486" "3981673" "4086999" "4310282" "4340249" "4572355" "4675070" "4799853" "4890726" "6471038").PN. OR ("6761556").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 10:27
S116	8	("2548683" "3955496" "4418815" "4846656" "5857562").PN. OR ("6471038").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 10:27
S117	18	("2973721" "3795200" "4250988" "4351241" "4930425" "4942956" "5038900" "5231932" "5450942" "5819906" "6241082" "6270076" "6341686" "6554127" "6675954").PN. OR ("6745891").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 10:30
S118	354	(104/172.4).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 10:35
S119	728	((198/465.3) or (198/465.4)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 10:37

S120	39	("1270755" "1412444" "1825950" "2608287" "2935367" "3100041" "3265193" "3515257" "3664482" "3887089" "4037715" "4139092" "4191435" "4212384" "4214848" "4421227" "4465177" "4493414" "4524863" "4712650" "4729466" "4949832" "4986411" "4987992" "5050726" "5058729" "5101963" "5188245" "5207314").PN. OR ("6394260").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 10:43
S121	22	("2385997" "3186028" "3507005" "3764284" "3787170" "3901180" "3958685" "4013164" "4050402" "4082175" "4106886" "4312439" "4313720" "4401212" "4409161" "4512456"). PN. OR ("4801001"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 11:10
S122	32	("2997018" "3097961" "3185131" "3341353" "3648821" "3734765" "3765474").PN. OR ("3901180").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 11:13
S123	31	("3590982" "3901180" "3938847" "3944058" "3951285" "4106612" "4199291" "4215967" "4262795" "4287980" "4541524" "5529191" "5797249").PN. OR ("6209710").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 11:14
S124	34	(198/485.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 11:19
S125	22	("0936917" "1876373" "1903488" "2546374" "3202259" "3308768" "3424104" "3577930" "3807314" "3993204" "4461216" "4850281" "4875573" "5875573"). PN. OR ("6644211"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 11:28

S126	88	S118 and ((roller or rollers or wheel or wheels) and (spring or springs or tension))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/06 11:31
S127	17	("1837605" "3648819" "3695462" "3776395" "4468165" "4712964" "4720228" "4917227" "5203445" "5301790" "5337881" "5351801"). PN. OR ("5934444"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 11:51
S128	123	(198/364).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 12:43
S129	451	(198/367).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 12:49
S130	9	("3278000" "4050323" "4294345" "4766997" "6321523" "6782687" "6978886" "7063207"). PN. OR ("7334677"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 12:56
S131	13	("2621841" "4005966" "4355968" "4479772" "4667531" "5039298" "5116217" "5326250" "5346386" "5683729" "5863571" "6152723"). PN. OR ("7311515"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 12:57
S132	14	("1981642" "3947180" "4069002" "4355968"). PN. OR ("5116217"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 12:58
S133	16	("4096936" "4763771" "4781281" "4884676" "5588520" "5690209" "5701992" "5901830" "6253901" "6253910" "6273268" "6360673" "6446782" "6796417" "6889814" "6938750"). PN. OR ("7080725"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 13:02
S134	12	("5018928" "5325972" "5445080" "5555814" "5632589" "5662045" "5664660" "5676061" "5676514" "5690209"). PN. OR ("6360673"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 13:03

S135	19	("0843520" "2954743" "3012519" "3777669" "4402272" "4423685" "4480157" "4503778" "4520733" "4779537" "4860662" "4903610" "5012746" "5235917"). PN. OR ("5555814"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 13:04
S136	6	("3033126" "3659529"). PN. OR ("3777669"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 13:05
S138	1	("6601690").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/06 13:09
S139	8	("3207262" "3782522" "4840124" "4977996" "5056438" "5072822" "5799769").PN. OR ("6601690").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 13:10
S140	7	("4082175" "4299549" "4352424" "4572355" "4693375" "5116217" "5857562").PN. OR ("6582217").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 13:12
S141	8	("2548683" "3955496" "4418815" "4846656" "5857562").PN. OR ("6471038").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 13:13
S142	9	("2548683" "3955496" "4693375" "5116217" "5857562").PN. OR ("6422379").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 13:13
S143	34	("1621205" "1841297" "2763361" "2904860" "3002604" "3155227" "3314526" "3493097" "3570586" "3747535" "3747666" "3835917" "4013163" "4331195" "4349101" "4351637" "4432450" "4794978" "4825999" "4895202" "5119925" "5133401" "5164777" "5168980" "5217103" "5400898"). PN. OR ("6076657"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 13:19
S144	86	(198/341.01).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:17
S145	51	(198/341.08).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:23

S146	29	(198/341.09).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:26
S147	109	(198/348).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:31
S148	165	(198/370.01).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 16:37
S149	22	("2942719" "3470995" "4172514").PN. OR ("4530433").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:07
S150	225	("0766329" "1058096" "1073067" "1883007" "1892463" "20010002532" "20010013459" "20010027825" "20010052216" "20020011400" "20020060132" "20020079199" "20020139436" "20020139645" "20020144880" "20030000969" "20030029700" "20030037514" "20030047427" "20030075547" "20030106288" "20030106779" "20030116222" "20030173186" "20040151842" "20050103599" "20050103602" "20050103603" "20050103604" "20050103605" "20050103606" "2258717" "2270709" "2611524" "2666564" "2723790" "2766635" "3028713" "3067863" "3125370" "3168123" "3308928" "3519108" "3590982" "3608700" "3664491" "3703954" "3742989" "3747737" "3754637" "3777877" "3794315" "3818785" "3826293" "3854574" "3858709" "3860104" "3881592" "3910404" "3944058" "3949859" "3990209" "3992766" "4018325" "4033862"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:10

"4053003"	"4064987"
"4068882"	"4096939"
"4106612"	"4126163"
"4159608"	"4159762"
"4166527"	"4171738"
"4172514"	"4183428"
"4208852"	"4257727"
"4287980"	"4291733"
"4335761"	"4467847"
"4502587"	"4513858"
"4522238"	"4524865"
"4530433"	"4532968"
"4533038"	"4567919"
"4588001"	"4638906"
"4678077"	"4697691"
"4745007"	"4790421"
"4793261"	"4807421"
"4817780"	"4823934"
"4835946"	"4856144"
"4878577"	"4901844"
"4921294"	"4925013"
"4934517"	"4936072"
"4953687"	"5004097"
"5029695"	"5035270"
"5052166"	"5072573"
"5074103")	.PN. OR
("5115901"	"5127514"
"5170546"	"5219065"
"5285884"	"5295523"
"5392896"	"5395151"
"5400894"	"5427227"
"5429227"	"5452568"
"5477659"	"5487461"
"5497887"	"5509524"
"5522439"	"5581975"
"5595221"	"5603399"
"5611418"	"5620084"
"5642604"	"5657615"
"5693113"	"5697490"
"5722655"	"5768860"
"5775067"	"5778634"
"5791453"	"5810151"
"5878796"	"5890584"
"5915524"	"5927504"
"5931282"	"5947262"
"5960838"	"5960927"
"5975280"	"5979147"
"6029797"	"6038833"
"6050060"	"6062799"
"6079541"	"6112885"
"6119440"	"6119848"
"6141943"	"6148589"
"6182819"	"6186314"
"6209716"	"6220444"
"6234300"	"6237750"
"6253809"	"6276409"

		"6321897" "6334473" "6334526" "6341630" "6343628" "6343690" "6374997" "6474368" "6474464" "6494238" "6494307" "6520316" "6533103" "6533126" "6581653" "6601697" "6612095" "6612567" "6619472" "6629403" "6675951" "6684602" "6692050" "6742647" "6748983" "6761264" "6772876" "6905012" "7021453" "7036658" "7055676" "7055677"). PN. OR ("7216758"). URPN.				
S151	14	("2415997" "3583544" "4735761" "5558200" "5598859").PN. OR ("6905012").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:11
S152	34	("1944255" "2882061" "3124232" "3545803" "3938847" "3944058" "3945486" "4032185" "4086999" "4291910" "4304398" "4340249" "4540211" "4541524" "4572355" "4640406" "4890726" "4927205" "5031749").PN. OR ("5558200").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:12
S153	11	("20040087401" "20040118661" "4616960" "4640406" "4927205" "5261527" "5415274" "5419427" "5542526" "5558200" "5769476").PN. OR ("7037227").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:12
S154	9	("3945486" "4082175" "4530433" "4630169" "5698269" "5769476" "5769949" "6132562" "6333595").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:20
S155	25	("1190581" "1728418" "3232657" "3863753" "4468277" "4591046" "5693113" "6079541"). PN. OR ("6692050"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:23

S156	21	("4602473" "4655029" "4840014" "5150558"). PN. OR ("6494238"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:28
S157	37	("1812715" "3410390" "3416645" "3612244" "3849918" "3881592" "3900647" "3982625" "4827644" "4979591" "5165526" "5209340" "5244080" "5280831" "5330044" "6044961"). PN. OR ("6186314"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:34
S158	40	("0798244" "0924360" "1095228" "1652597" "1668427" "1740233" "2210529" "2240717" "2258717" "2360209" "2876604" "2942719" "3108682" "3591027" "3860107" "3901180" "3975260" "4104081" "4114347" "4172514" "4199291" "4200183" "4530433" "4616684" "4635662").PN. OR ("5353908").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 09:39
S159	16	("2634737" "2696823" "3563256" "4102351" "4104081" "4427020"). PN. OR ("4635662"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 09:40
S160	6	("2910992" "3556847" "3677273").PN. OR ("4427020").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 09:40
S161	216	(198/800).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/07 09:44
S162	415	(198/802).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/07 09:53
S163	24	("3277995" "3986596" "4637508" "4760908" "4884677" "4890724" "4896760" "4941561" "4984675" "5027939"). PN. OR ("5191959"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 09:55
S164	14	("2181603" "2329311" "3630242" "3674060"). PN. OR ("3998030"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 10:03

S165	7	("2932376" "4513858" "6065585" "6422380" "6591963" "6725998"). PN. OR ("7219788"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 08:48
S166	59	("1168905" "1381974" "1492275" "1831122" "2619843" "2932376" "3370693" "4168776" "4173280" "4194343" "4299322").PN. OR ("4513858").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 09:03
S167	173	(US-20060225989-\$ or US-20050217977-\$ or US-20040035678-\$ or US-20040151842-\$ or US-20060185962-\$ or US-20030178284-\$ or US-20030066733-\$ or US-20030019726-\$ or US-20020157921-\$ or US-20010054540-\$ or US-20040065525-\$ or US-20030034227-\$ or US-20070235288-\$ or US-20080223691-\$ or US-20080210520-\$ or US-20020053499-\$ or US-20010030112-\$ or US-20080011587-\$ or US-20050167241-\$ or US-20040030442-\$ or US-20040016624-\$ or US-20030150696-\$ or US-20020195317-\$ or US-20070289845-\$ or US-20030201153-\$ or US-20050023109-\$).did. or (US-7178658-\$ or US-6817464-\$ or US-6725997-\$ or US-6354427-\$ or US-7413072-\$ or US-7191896-\$ or US-7032742-\$ or US-6725998-\$ or US-6698581-\$ or US-6681915-\$ or US-6550602-\$ or US-6533103-\$ or US-6523669-\$ or US-6478134-\$ or US-6382398-\$ or US-6325198-\$ or US-6260688-\$ or US-6230874-\$ or US-6152291-\$ or US-5772005-\$ or US-5490589-\$ or US-4549647-\$ or US-4413724-\$ or US-2932376-\$ or US-7219788-\$ or US-	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/11/13 09:24

7171281-\$).did. or (US-6615091-\$ or US-7341141-\$ or US-7331156-\$ or US-6436330-\$ or US-5713403-\$ or US-6796342-\$ or US-6302172-\$ or US-5711411-\$ or US-6079541-\$ or US-7264113-\$ or US-5743377-\$ or US-4468277-\$ or US-7442031-\$ or US-6575456-\$ or US-5992610-\$ or US-5975278-\$ or US-4168773-\$ or US-3902453-\$ or US-3614958-\$ or US-4640406-\$ or US-3783991-\$ or US-3770098-\$ or US-6973767-\$ or US-4838410-\$ or US-6241074-\$ or US-3575282-\$ or US-4294345-\$).did. or (US-7404549-\$ or US-7278531-\$ or US-7140870-\$ or US-6779651-\$ or US-5863571-\$ or US-7000756-\$ or US-6959953-\$ or US-6520318-\$ or US-7311515-\$ or US-2755914-\$ or US-6814218-\$ or US-5411133-\$ or US-5400898-\$ or US-5129506-\$ or US-4903823-\$ or US-6896120-\$ or US-6846145-\$ or US-6591963-\$ or US-6758321-\$ or US-4513858-\$ or US-4479772-\$ or US-4355968-\$ or US-7299832-\$ or US-5620084-\$ or US-5429227-\$ or US-4746007-\$ or US-4638906-\$).did. or (US-4530433-\$ or US-4068882-\$ or US-3590982-\$ or US-6386816-\$ or US-4852722-\$ or US-3587824-\$ or US-4422544-\$ or US-3934708-\$ or US-5645159-\$ or US-7334677-\$ or US-5680924-\$ or US-3774545-\$ or US-3496784-\$ or US-7252192-\$ or US-6527106-\$ or US-6125996-\$ or US-6076657-\$ or US-5161674-\$ or US-5970589-\$ or US-5407061-\$ or US-5402556-\$ or US-5367753-\$ or US-5265313-\$ or US-4890365-\$ or US-3491402-\$ or US-3797635-\$ or US-7080725-\$).did. or (US-

		6868652-\$ or US-6761556-\$ or US-6471038-\$ or US-6745891-\$ or US-7431142-\$ or US-6675954-\$ or US-5819906-\$ or US-6612559-\$ or US-6394260-\$ or US-4729466-\$ or US-4212384-\$ or US-5558201-\$ or US-5129163-\$ or US-4982944-\$ or US-6644211-\$ or US-7377377-\$ or US-4785738-\$ or US-6293388-\$ or US-6135266-\$ or US-5919023-\$ or US-4625854-\$ or US-5116217-\$ or US-6422379-\$ or US-6582217-\$ or US-4480157-\$ or US-3777669-\$ or US-6601690-\$).did. or (US-5558200-\$ or US-5581975-\$ or US-3125370-\$ or US-5353908-\$ or US-5191959-\$).did. or (US-2768733-\$ or US-3107778-\$).did. or (DE-102005041120-\$ or WO-2006077050-\$ or WO-2005037685-\$ or DE-10348431-\$ or WO-78664-\$).did. or (GB-2399797-\$).did.				
S168	1	S167 and ((positive or friction) near2 lock)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/11/13 09:26
S169	5	("5683729" "5863571" "6386857" "6649118" "6779651").PN. OR ("7140870").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 09:44
S170	334	(198/680).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/13 10:25
S171	61	S170 and spring	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 10:25
S172	499	((198/842) or (198/843)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/13 10:32
S173	1	("6119848").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/13 12:02
S174	1	("6209716").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/13 12:05

S175	40	("3768631" "3910406" "4153152" "4640410" "4852722" "4886158" "4895248" "5000311" "5402880" "5404997" "5429226" "5586644" "5803236").PN. OR ("6209716").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 12:05
S176	8	("4088220" "4498397" "4712670" "5271139" "5299680" "5388684" "5447220").PN. OR ("6135266").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 12:16
S177	9	("2689657" "3915293" "4567988" "5096047"). PN. OR ("5558201"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 12:19
S178	16	("1421178" "2789685" "2980236" "3225901"). PN. OR ("3575282"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 12:27
S179	6	("2789685").URPN.	USPAT	OR	OFF	2008/11/13 12:28
S180	39	("1270755" "1412444" "1825950" "2608287" "2935367" "3100041" "3265193" "3515257" "3664482" "3887089" "4037715" "4139092" "4191435" "4212384" "4214848" "4421227" "4465177" "4493414" "4524863" "4712650" "4729466" "4949832" "4986411" "4987992" "5050726" "5058729" "5101963" "5188245" "5207314").PN. OR ("6394260").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 16:32
S181	13	("1663746" "1771022" "2725020" "3107778" "4037715").PN. OR ("4524863").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 16:34
S182	9	("3278000" "4050323" "4294345" "4766997" "6321523" "6782687" "6978886" "7063207"). PN. OR ("7334677"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/14 10:09
S183	2	((("3990316") or ("6279722"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/11/14 10:12

11/14/2008 10:24:38 AM

C:\Documents and Settings\wharp\My Documents\EAST\Workspaces\10\10588046.wsp